



Patent  
51306/502:1

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Re the Application of:

Rando et al.

Serial No.: 09/745,302

Filed: December 20, 2000

For: SCANNER WITH COUPON  
VALIDATION

Group Art Unit: 2876

Examiner: Karl D. Frech

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents  
PO Box 1450  
Alexandria, VA 22313-1450

Sir:

In accordance with 37 CFR §§ 1.97 and 1.98, the items identified in this Information Disclosure Statement ("IDS") are brought to the attention of the Office. The items are listed on the attached form PTO-1449 and copies are enclosed for the convenience of the Examiner.

Wike et al. U.S. Patent No. 4,971,410; "Scanning and Collection System for a Compact Laser."

*Optical Design and Development of a Small Barcode Scanning Module*, Charles K. Wike and Joseph M. Lindacher, SPIE Vol. 1398 CAN-AM Eastern 1990 pps. 119-126 (©1991 by the Society of Photo-Optical Engineers).

NCR Model 7860 Hand-Held Scanner (three photographs), manufacture label dated September 1990.

CERTIFICATE OF MAILING  
(37 C.F.R. §1.8a)

I hereby certify that this paper (along with any referred to as being attached or enclosed) is being deposited with the United States Postal Service on the date shown below with sufficient postage as First Class Mail in an envelope addressed to the Commissioner for Patents, Washington, D.C. 20231.

Aug. 15, 2003  
Date of Deposit  
PortInd2-4439939.1 0051306-00502

Sandi Lekar  
Name of Person Mailing Paper

Signature of Person Mailing Paper

RECEIVED  
AUG 20 2003  
TECHNOLOGY CENTER 2800

Further explanation of items cited:

As understood, the NCR 7860 scanner, described in the Wike article *Optical Design and Development of a Small Barcode Scanning Module*, and illustrated in the three photographs, had the capability of switching between two different scan patterns by pressing a button on the scanner housing. Thus, the scanner had two modes: (1) a hands-free mode generating multi-intersecting lines scan pattern (see Figure 2); or (2) a hand-held mode actuated by pressing a button on the housing, the scanner then generating a scan pattern consisting of a single scan line.

The cited 4,971,410 patent (owned by NCR Corporation) describes various details and alternatives for structure and operation for a bar code scanner having the capability of switching between two different scan patterns.

The items identified in this IDS may or may not be “material” pursuant to 37 CFR § 1.56. The submission thereof by Applicant is not to be construed as an admission that any such patent, publication or other information referred to therein is material or considered to be material (37 CFR § 1.97(h)), or even qualifies as “prior art” under 35 USC § 102 with respect to this invention unless specifically designated by Applicant as such.

**INFORMATION DISCLOSURE STATEMENT FILING PROVISION:**

☐ This IDS is believed to be timely in that it is being submitted under 37 CFR § 1.97(b), that is (1) within three months of the filing date of the application, which is not a continued prosecution application filed under § 1.53(d); or (2) within three months of entry of the national stage as set forth in 37 CFR § 1.491; or (3) before the mailing of a first Office action on the merits; or (4) before the mailing of a first Office action after filing a request for continued examination under § 1.114. Thus, no fee is required.

☐ However, if the undersigned is in error in this regard, Applicant respectfully requests that the Office consider this IDS as filed under 37 CFR § 1.97(c), if applicable, and charge the fee due under 37 CFR § 1.17(p) to the deposit account referenced below.

☐ However, if the undersigned is in error in this regard, Applicant respectfully requests that the Office consider this IDS as filed under 37 CFR § 1.97(c), if applicable, and a statement under 37 CFR § 1.97(e) is included below, thus no fee is required.

☒ This IDS is being submitted under 37 CFR § 1.97(c), that is after mailing of a first Office action on the merits, but before a Final Action under 37 CFR § 1.113 or a Notice of Allowance under 37 CFR § 1.311.

☒ The fee due under 37 CFR § 1.17(p) is submitted herewith.

☐ A statement under 37 CFR § 1.97(e) is included below, thus no fee is required. In the event that this IDS is not received before a Final Action or a Notice of Allowance, then Applicant respectfully requests that the Office consider the filing of these papers to be submitted under 37 CFR § 1.97(d) and charge the fee due under 37 CFR § 1.17(p) to the deposit account below.

☐ This IDS is being submitted under 37 CFR § 1.97(d), that is after a Final Action under 37 CFR § 1.113 or a Notice of Allowance under 37 CFR § 1.311, but before payment of the issue fee. A statement under 37 CFR § 1.97(e) is included below. The fee due under 37 CFR § 1.17(p) is submitted herewith.

**STATEMENT UNDER 37 CFR § 1.97(e):**

☐ Each item contained in this IDS was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this IDS.

☐ No item contained in this IDS was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the person signing this statement after making reasonable inquiry, no item of information contained in this IDS was known to any individual designated in 37 CFR § 1.56(c) more than three months prior to the filing of this IDS.

☐ Applicant sets forth below concise explanation of the relevance of each document not in the English language and/or selected documents(s) in the English language.

**PAYMENT AND/OR AUTHORIZATION TO CHARGE FEES:**

☐ A check in the amount of \_\_\_\_\_ is enclosed for the above fee(s).

☒ Please charge PSC's Deposit Account No. 13-4953 for the above fee(s).

☒ The Commissioner is authorized to charge PSC's Deposit Account No. 13-4953 for any fees which may be required by the filing of this paper.<sup>1</sup>

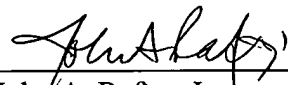
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<sup>1</sup> The Commissioner is authorized to charge Stoel Rives LLP's Deposit Account No. 19-4455 if the above-referenced Account No. 13-4953 has insufficient funds.

Respectfully submitted,

Stoel Rives LLP

Dated: August 15, 2003

By:   
John A. Rafter, Jr.  
Reg. No. 31,653

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Attorney Docket No. 51306/502:1

258/060

09/745,302

LIST OF PATENTS AND OTHER ITEMS FOR APPLICANT'S  
INFORMATION DISCLOSURE STATEMENT

## APPLICANT:

Rando et al.

## FILING DATE:

December 20, 2000

## GROUP:

2876

(Use several sheets if necessary)

## U.S. PATENT DOCUMENTS

| EXAMINE<br>R INITIAL |    | DOCUMENT NUMBER | DATE    | NAME             | CLASS | SUB<br>CLASS | FILING<br>DATE |
|----------------------|----|-----------------|---------|------------------|-------|--------------|----------------|
|                      | AA | 4,971,410       | 11/1990 | Wike, Jr. et al. | 350   | 6.5          | 7/27/1989      |
|                      | AB |                 |         |                  |       |              |                |
|                      | AC |                 |         |                  |       |              |                |
|                      | AD |                 |         |                  |       |              |                |
|                      | AE |                 |         |                  |       |              |                |
|                      | AF |                 |         |                  |       |              |                |
|                      | AG |                 |         |                  |       |              |                |
|                      | AH |                 |         |                  |       |              |                |

## FOREIGN PATENT DOCUMENTS

| EXAMINE<br>R INITIAL |    | DOCUMENT NUMBER | DATE | COUNTRY | CLASS | SUB<br>CLASS | TRANSLATIO<br>YES NO |
|----------------------|----|-----------------|------|---------|-------|--------------|----------------------|
|                      | AI |                 |      |         |       |              |                      |
|                      | AJ |                 |      |         |       |              |                      |
|                      | AK |                 |      |         |       |              |                      |
|                      | AL |                 |      |         |       |              |                      |
|                      | AM |                 |      |         |       |              |                      |

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)

|  |    |   |
|--|----|---|
|  | AN | Charles K. Wike and Joseph M. Lindacher, <i>Optical Design and Development of a Small Barcode Scanning Module</i> , SPIE Vol. 1398 CAN-AM Eastern 1990 pps. 119-126 (©1991 by the Society of Photo-Optical Engineers) |
|  | AO | NCR Model 7860 Hand-Held Scanner (three photographs), manufacture label dated September 1990.   |
|  | AP |   |
|  | AQ |   |
|  | AR |   |

EXAMINER:

DATE CONSIDERED:

EXAMINER: Initial if reference is considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include a copy of this form with next communication to applicant